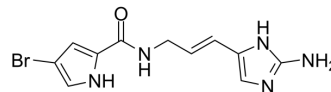


Hymenidin

Cat. No.:	HY-118328
CAS No.:	107019-95-4
Molecular Formula:	C ₁₁ H ₁₂ BrN ₅ O
Molecular Weight:	310.15
Target:	5-HT Receptor; Potassium Channel
Pathway:	GPCR/G Protein; Neuronal Signaling; Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Hymenidin is a natural antagonist of serotonergic receptor and inhibitor of voltage-gated potassium channels. Hymenidin also induces cancer cell apoptosis^{[1][2][3]}.

REFERENCES

- [1]. Kobayashi J, et al. A novel antagonist of serotonergic receptors, hymenidin, isolated from the Okinawan marine sponge *Hymeniacidon* sp. *Experientia*. 1986 Oct 15;42(10):1176-7.
- [2]. Zidar N, et al. Clathrocin, hymenidin and oroidin, and their synthetic analogues as inhibitors of the voltage-gated potassium channels. *Eur J Med Chem*. 2017 Oct 20;139:232-241.
- [3]. Tihomir Tomašič, et al. Analogues of the marine alkaloids oroidin, clathrocin, and hymenidin induce apoptosis in human HepG2 and THP-1 cancer cells. *MedChemComm*. 2015, 6(1): 105-110.

Caution: Product has not been fully validated for medical applications. For research use only.

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